

**ABSTRACT**

A position detection device (8) comprising a first substrate; a first ohmic resistor (10,110,210) applied to said substrate and extending along an active surface 5 (12,34,36,152) of said position detector, whereby the first ohmic resistor (10,110,210) is connected between a first terminal (14) and a second terminal (16) of the position detection device (8); a plurality of electric conductors (22,122,122',154), whereby said electric conductors 10 (22,122,122',154) are connected to the first ohmic resistor (10,110,210) at places which are distinct therefrom and said electric conductors (22,122,122',154) extend from the first ohmic resistor (10,110,210) inside the active surface (12,34,36,152) alternating between the first electric 15 conductors (22,122,122',154), whereby one first end of the conductor elements is connected to a third terminal (26) of the position detection device (8). According to the invention, the conductor elements (22,122,122',154) are configured as ohmic resistors extending through the active 20 surface (12,34,36,152) of the device (8) and a second end of said conductor elements (22,122,122',154) is connected to a fourth terminal (30) of the position detection device (8).